



Express Mail No.: EV 110550464 US

Attorney Docket: XY-Lodo-USNP

---

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

---

In Re the Application of: George E. Seidel, Lisa Herickhoff, John Schenk

For: Sex Specific Insemination of Mammals With Low Number of  
Sperm Cells

Serial Number: 09/582,809

Filed: June 30, 2000

Group Art Unit: 3736

Examiner: Brian Scott Szmal

Assignees: XY, Inc. and Colorado State University Research Foundation

RECEIVED

MAY 16 2003

TECHNOLOGY CENTER R3700

---

**AMENDMENT AND REQUEST FOR RECONSIDERATION  
UNDER 37 C.F.R. § 1.111**

This amendment and request for reconsideration is in response to the official communication mailed November 6, 2002. In the communication the office raises §112 concerns with respect to claims 13, 14, 20-22, 28, 170, and 171; §102 concerns with respect to claims 1, 2, 5-15, 19, 25, and 169-171; and §103 concerns with respect to claims 16-18, 20-23, 26-29 165-168, and 172-173. This amendment and request for reconsideration addresses each of the office's concerns.